Spring 1866. Among shaded nets, ereefing Petaluma Dry hillsides Mendeins Co 12/4 Carex, Borders of rioulets Fetalume 11/4 4635. 4636 Dry hill Lides Mich Mendocino Co 4637 Dry woods on gravely toil 14/4 Which. Carex, Mill-Creek Which 15/4 4638 11639 + Travelly Loil in open woods Which Banks of Mill- breek, Common, The large leaved form I could find nowhere at this season save one or two specimens 4641 Troampy places Which Open-woodlands U.R. 4642 4643 Offen-vood lands " 4644 Samienta tuberosa Mish Open wood lands in gravelez Loil. A Common Species in such localities in the food-Thills of the adjoining Jacraments Valley In wet places Which 14/4 4646 Juneus, moist field Which 18/4 4647 Shaded woods Which. 4648 Agrostes Suz kills UK. 4649 Gen woods UK. 4650 Juneus, Sivide of Albin and Pussione 4651 Openwoods on gravilles Soil 1/4 66:

× 4652. On moist mossy rocks in Maile- breeks Which - Leaves fleshy when fresh. + 4653 Dy hill sides Which 14/4 66 (cettered) + 4654 Moist nieadow hillsides new Uthish × 4655 Meadows Which Twanipo (found the Lance in the higher 4656 Tierras) nead Whiah (but always unch dispine Moist banks Which * 4657 Callitriche, wet places Uh. 4658 Dy hillsides Ukrah 18/4 4659 In hielsides " "
Whipples undesta borders of Redividos 4660 4661 In Ing roads nead Which. . 4662 Near Which 18/4 × 4663 Wet mentows Which × 4664 Among grain Tetaluma 18/4 In wel meadows Ukiah 18/4 4665 × 4666 In moist places Which " 4667 In By loose soil UK. 19/4 x 4668 Day graneles Loil Rufsian Priva Velle × 4669 Viola, Shady erecht-banks Therwood 4670 Vally Mendreine to. 4671. Schlys trifelylla common in the northern Medroors. 4672 Little Latte-Valley near ditches. Dry hillsides Prufain Mr. Valley Very Common along erected in Long Vales + 4675 Thady hill sides Tong Valley Mentrino

4676 Shady hill sides Long Valley. 4677 Wet places, dispersed, Codoriferous. like Viola odorata Long Valley (Kuyle) 4678 An hillsides Penfrin VI. Valley 4679. Dy hillsides " " " " Avery common Species in the foot hills adjoining east west facramento Valley St grows generally in large fatches. Rocks in Round Valley. 29/5 Hillesides Long Valley Julyen Woods (Gream-colored) Long Valley 4681 4682 4683 Open Woods (hills) Long Valley. Gravelez little flats Long Valley. 4684. Samp woods Long Valley. 4685 Damp Woods and banks Long Valley 4686 Samp breeks-banks Long Valley. -Carex. Ivamps at Cahto Long Valley used for hay. 4687 4689 Moist flats Long Valley. Juneus. Moist flats, Long Valley Stipe, El River Komm Velley Dry hill sides Kound Valley. In hilldides M. Valley. 4695 Ang hill sides " " " " 4696. Wooded hill sides Long Valley the finest species met with yet, flowers of a very delicate frints- color-large and showing 4697 Carex. Long Valley

Melies Menoreino City. 4698 4699 Pround Valley on Dry hiles 4700 Caren 11/5 Menores Menoreino bit. Carex. Twamps Menoremo Citz 4701. Carex. Twamps " " 4702 Pround Valen, quite common, 4703 Testures In Stray hillside, Mentocino 4704 Toa Mendreino planies 11/5 4705 Redroods Mentrenis/melines white.) 4706 Morours large, Open wood, Long Valey 4707 North eaten by the Indians Thovers bright red. Open wood Long Valley 4708 Redroods, common. 4909 Twampy places Long Vales 4700 Salex hed-willow of the settlers 4711. flexible Long Valley. Gallo Gallo Song Valley : Callo Ceanother, Jackson brech 8-12 feet 47/3 high fackson Valle Mendoeine Co. Ceanothers Coast Range alt. 3000-The most general plant of the high hills Intern. Coast Mendoeins 4711 Hains of Menderico. 4718 Swamps at Noys Memberiolo. Viola Redroom at Nogo Luzula Flains at Mentremo City Ceanothus Hillsides Ruferia M. Velleij

In Sandy fields Nogo Sand field among thruks Nogo. Nedrovor at Long haller Nogo and Mendrenio Plains. 4723 4724. 4725 4726. Swamps at Menorenies Co. Coul. 4727 Redwoods high hills Mentremobo. 4728 4729 4730 47.31. In hill sides, El Niver, Mouriem Co 4732. Open words, El River, 4733 4734 Open planes at Noyo (leaves thicks and Luceulent, Sea shore at Noyo. Leaves 4735. Thaded hillsides 20/4 Long Valler 4736 Meadows at El River Memberino Co. also at Cloverdale Lonoma Co. Haires at Mendoeino tit 4739 Cares in Sphagmun Levanges Menorein City 4740 baser " " " " " " 4741 4742. Galium, floating in ditches Mundeius Galima on the flames oround the

4744. In cultivated fields Mendreino. near Menoreins City. 10/5 4748 Drosera, Spling-Levenpo Mendrii. 4749 In the plains of Menoreino lit 47.30 Mendreino plains, 10/5 in Thickets. 4754 Menoreino placing two specimenons 4755. Sandy field Menoreine 4756 Common in moist measons. 4758. Trisetum cermum. In shad thicketo Mentreino bit. Ruskian Quelch. 4759. Sandy planes Fort Bragg. The flowers large blue seared above the ground funds of the aspect of Calchieun autumale 4760 Wel meadows at Mendremo bit 4761. Meadowo at tel Priver 4762 Calamagnostis, Wet places, Muireinolij 4763 Juneus Wel places Mendreino bit 4764 Janieum dicholomen Hairs "" Cares, Ing meadows 4765

4766. Calamagnostis. In the Sphagnum Loramps on little flats, rooks long and creeping, 4-8 inches high. Juneus, Swamps. Memorino lit Trailing over large fortions of haw of the planes 11/5 4772 Salmon berry, thickets went the enast. in creek-bottoms. Menverins hit Mockes-bluffs Mendoeino " " 4775 Sphagnum Levamps 11/5 4799 Trisetum, thicketo, Membrein leit Lureus deusi flora 12/5. This is the only out growing west of the Redwood, 4780 Almo Tronneps at Mendreinolity 4781 Wet meadows \$212/5 " " " " 4782 Ceanothus avery large thrule on the high titles of the coast range, 4783 Beach at Fort Bragg Cleaves flesh 4784. Hains Menoreine City 1/5 4785, Damp Canons Mendrein lit 13/5. 4786 Trisetur Woods 1 " " "

Salamagrostis Twangs Albin Priva Havis at Menorein lity. 4789 Sandy Haris new little river 4790 Damp Gulches Mendein leit 4791. Tyling-Levanipo " " " 4792 4793 Common on the plains " " 4794. Swamp at Fort Bragg. Common, 4795 Traveley Loil Anderson Valley 18/5 4796 4797 4798 4799 Agrostis Meadows Anderson? Miga virea sens fide Murro Const May 4800 4801 4802. Wet meadows Little Privilerast 4803 Meason Anderson Valley 4804. 4805. Around volles " " " 4806 Little Kiver (Lonnetimes a moderate Tiged-tree. Borders of river a excells 4807 Redwood Anderson Valery 4808 Carex, common in wet meadows 4809 Juneus, Meavour Anderson V. Very common forms a large portions of the main bulls of has, Wire-grafo. Morst meadown Anderson Valley Tronges a moral places at Hoyo

48/2. Juneus mentoros, Anderson Vallas 48/3 Very common in grown field, Anderson Common in Redroods. 4814 On the dry plains ness Little Biver 24/5; 4815, 4816 On metamorphic Lawstine Pluffs (Big Rives (at the mouth) Mensocia big Whio Grands on the old maps) Menors Anderson 1. 24/5 Moist banks Big Rived Salmon berry Big Rived 16/5 fruit very large but of a rather water but. Canous at Big Miver- Mentrembit Dry hills Anderson Vilen 4821. Lucreus Wisligeni Anderson Vacceny 4822 4823 4824 In Long mensis Anderson Valery 4825 Weavour Anderson . 4826 Twanys (open) wear Albin Viver 4827 Tronges " " " "
Woods at Cloverdale 4828. 4829 Moches at Big River Mendreinly Meavour 4830 4831. Train field Anderson Valery 4832 4833 Creek-bed Anderson " Dry breeth Mendeines Go. 4834 4835. Pi. densiflora bloverdale May

Tierras. Thom Jane 6th to Lept. 4836 Sporobolus Sandy fields at the Jan Foagin & Merew Rivers. 4837 Carex. Techeco Paps. 1300 all. 4838 Junios Wisligani Best Vacenz 4839 Alow thruk with very clender wandlike branches (fastigiate) Lecheco Pajo 1200 Mt. Jamieum banks of the Merew 1/6 Banks of Merced. 4841. Agrostis Banks of Merced 4842. Haris near Merced (Lang soil) 4843 4844. Cenothera " " " Ing Islams also Bear Valley 4845 4846 banks of the San Jongin 4847 4848 Mount Bullion 3000 alt. 4849 4850 In the gravely bed of the Sand Benito River Coast Peange 4857. 4852. Elymno Met 15 ullion 4853 4854 1, 1, 15/6. 4855. 1, ", ", 4853 4856 Ditches and Watercourses Dear Valley 4857 4858 I low thrub with thender branches.

June 1868 Best Valley. At Clark's and To semite Valley 16 4858. 4859. Sandy soil at Clastis a Los. Valey 4860 4861. Clark's & Tos. Valley. 4862 4863 Juneus near De Long's (4000 ell. 4864 Stiffer Dry River beds Clark's a So. 4865 Juneus Creek hed black's. 4866 Among rocks Clarks. To Valley 4867 Clarks & To. Valley = Landy Loil Ceanothus (blue) Big trees. 4869 Kelloggia, Aroung Membs and trees in open woods from blanks and To. Vaux 4000 - to Mono Safo 10.000-7000 Very common in Luch localities Svampy places Tos. Valley, Common Tos. Valley, 48/2 4873 Clash's & Go.V. 4874 Cornes, Clark's Moreed River. 48/5. Clark's & Go. F. 4876. Clark's Gos. Valley.
Bigtrees & Gos. Valley
Big trees. low should, 4877 4878 4879 Big trees low shouls. 48 80 Big trees & Too. Valley 4881 Open Wood Big trees. 96. 4882

12. June. July. 1866 Big trees (7000 all.) 3-4 feet high blofsoms white. Big trees, open woods 4884. Not Pragmond (8-9000 all) Small Shoul 4885, Big trees, loose soil 4886. Big-trees & Los, Valley 4887 4888 Wet meadows Gos. Valley Procks near Merreed Priver, Clark's 4889 4890 Wet places a Priver banks. Jos. V. Juneno Tos. Valley 4891. Helenium, banks of Thereed Clark's 4892. and also Tos. Vacey, Vory common, Asclepias Landy Soil, Gos. Valley 4893 " Landy Soil on the San Yongin 4894, Clairs, very common 1/6" Carex, met places Too. Valley 4895 wet places Tos. Valley. Work, Valley 4896 4897 Mariposa Trail among rocks 1/2 4898 Tos. Velley. 12,4890 Maripora Trail Gos. Valley 4891. Lu. chysolepis. Inspiration rocks yos. Tailey. Ceanothus (white flowers) neadouspiration rocks- a low flat-topped much spreading buth, called snow-bush. 4893 florous blue, loose Soil open wood of Troil of Got Valley 8000 down to 5000

13, July 1866 4894. Small thrub on the backs of Bridal Veil-breek. common. 4895. Glyceria, Lame C. also mentono. 4896. Mearows and banks of Bridal Veil erech. 8000. 4899 Glutinous (viseid) ofen Woods, Lo. Valley 4898 Wet rocks Gos. Vaceny 4899. Wet rocks, "" 4900 Maripa Trick Gos. Valley 4901. Meadows Inspiration rocks 4902 Carex """
4903 """
4904 Open 20000 """
4905 Carex "" "" , " Gor. V. Luzula meadow " " " " 4906. A little low traiting Should. Trail. Tos 4907 Trail yos. Valey Toa open woods. Debris files whitish blofom. Los. Valley. 4911. Very small thrub on rocks Debris. To, 4912. Debris in the Valley, 4913. Aced Lebris when water Dops on il. Valley. 5-12 feet high. 4914. Sansz Soil Valley.
4915 Trail open word. For. Valley. 4916. meadows Suspiration rock. 4917 Sandy Soil Valley.

July 1860 14. Sandy Shady soil In Valley. 4918 Genothern Valler. 4919 Landy Loil " " 4920 4921, 11 11 11 11 11 11 4922 Debris around the Valley. 4923 Sandy Lord Valley. 4924, Open woods. Land soil 4925. Debris Valley. 4926. Trail Valley also Big trees. 4927 Sandy soil Valley. 4930 Little Shrub. " " 4931. In wet feats soil, meadows, 4932. Sodecatheon Valley 4933. Trail Valley open roads 4934. loose Soil In rocks in the Valley. 4935, Swampy localities Valley (Trail 4936. New the Talls in west places 4937 4938 Upon rocks lally upon rocks 5/7. 4939 Trail 30/6. Los. Vaceny 4940 Mount Bullion Bear Valley. 4941. " " respon rocks. 4942 " " also Too. Valley 4943 Silene. Mt Bullion also big trees a 4944. Yos. Valley. Common, in large tufts. 4945, Met Bullion & Tos. Valley. Bear Villey

July 1866 4946. Seutellaria Mot-Bullion 16 4947 ME Bullion very common also in 4948 Yos. Valle. Valer. 4949 Francus upper Valley (Gos) 1/9 4950 Common in moist mentons. Los. Vacen At the function of the north and south 495%. forth in the Valley. 4952. Mentows in the Veen 49.53. In sand field Gos. Enoy, virgation Wet meadown. Gos. 4954 4955 Juneus Sand field Sos. Eyperus measons Gos. common. 4956. Carex in sloughs Valley. 495% Salix Slougho Valley. 9/7 Los. Valley 14/7. Sedum rocks at Vernal Pale. 4958 4959 4960 Cares Westfall's meason 8000 f. 4961. 4962. "Mestfall's meadow (wel places) 4963 4964. " " " " " " Hillsides 4970 Along the trail Lor. Velley & Big trees 4971. Westfall's meadow.

July 187 1866 Trail Tos. Valley 49/2. Westfall's meadron 4973. 4974. 4975 Mi above the Big tree Grove 2//y 4976. Big tree Grove. Sing incomment 4977 Carex Big tree Frome. 4978 Big tree Irone [Spaning } 4979. meadows Big-trees. 4980 Big tree- Grove (Wax plant) 4981. at blastis 4982. 4983 Yos. Valay near Inspiration wet. 4984 Big tree Grove. 4985. Mercer Priver at Clarks 4986. among the rocks Clark's Land ground. Big tree Grove. 4988 4989 Clark's mendow. 4990 Big tree Grove Spanings. 4991. Big tree- Grove upon witho. 4992. Big " " Los. Valley (very 4993 Common on loose Land soil. Big-trees 22/7.
Carex big trees menows 4995. 4996 4997

July 1806 ant 4998 Mendones quite shady a moist. Big tree From Carex. Big breek elso Big tree Grove (banks) 4999 Filia: Hillsides (nivist) Big Creek - K. Trues 5000. Linum. Big tree-Grove lower fast. 3001. not uncommon at that alt. Alow Shrub 3-4 feet high on the banks 5002 of Big Greek below the Big tree Grove called there Iweet Bay. Big buels. Ing sandy soil 5003 Senecio. Clark's meadow invist 3/66 3004 Cartis meadro (all. 4000) 5005. Sentellaria Clark's meadow (in fatcher) 5006 Sometimes the flowers are white Moist meadows Big tree Grove 300% also Toda Springo 9.700 Big breek in Land banders 5008 Clarks & Big tree Grove. Loose soil 3009. Big tree Grove - 8 66 5010 Cares Big trees, meadons. 5011 Los. Valley, at Clar B's & Big tree-Grove 5012 Leen also at an alt. of 8000 feet. quite common in open wood and Langbaulto. 50/3 Clark's and Vallez banks of Moner Mirin among rocks Clark's Among banks of Moree Prior 5014. 5016 Clark's. Banks of Clark's in My feeles Eng. ving atum 5015

My. 1806 501) gg Ostranda's mendow. Indiano use il for food. 5018. gg Carex in Ostranda's meadows. Ostranda's meadows. 13019. Stiffs secidentalis Thors. In ity sand 5020 Loil near Ostranda's. Theep-men lay This grafo is much litted by theep and that they fallen more on this than any other quite commen. Yelen it trail forza 5021. Ostranda's dry flaces. 5092. Estrandu's meadow, commo 30**2**3, also higher up to 10,000 -3024. Samapia, borders of smale creeks Estandas and Mono Lake. Among mofses and grafses, Vitranda's Glyceoia. Estranda's banks of Creeks Dy Soil Ostranda's also Los. Valley 5027. 5028. Repor rocks Estranda's 3029. meadoros Ostrandas. 5730 Clark's among with 5031 Salex Clark's banks of Merce hiver Hillsides de loose soil " Markis 5734, 5735. 5036. Foot of MI Dana. Turlumel. Aug 24 9. Too all.

. 19. My, 1868 373% Same locality as 5036. Stiffs, on loose discintegrated grunde 20/8 5038. Low should 1-2 feel. Gos. Trail at Empire 3739. Camp. also at alt. 9700 Lodo Lyings Common also in Little Los. Valle, Moist meadows. Toda Lyrings 9.700 5041. at 11.000 feet new Mot Dana. 5042 Same Cocality as 5041, on loose light discritegrater grande doch, 3743 Loose wel Soil. Dana Toda Hening Tuolumul. 13044. 3045. Moist measons " " " 5046. Caret " " " " " " " Little Los. Valley also Los. Valley 5047 5048 Veronica. Moist measons Mono Tapo and Mono Truit at 10,000. Carex Borders of Levanges at. 11,000 3049. Toda Geningo, Juolumella. 3050 Solidago. Menoros 11 " 9,700 505%. 5752. Sambuens Summat, 10,000. 5053. 5054. Cusenta. In in menores Justime ", 3055 Carex Borders of Lwanges "" ". 3056. Meadows Turlume "". 13757. Asternisia mendowo 1 " " 5058 50 59 Exilobein Judanne ","

20.

Svamps Tuolumme River. 9.700 3061. Senecio Siz woodin 11 " " " " " 5063 Agrostis meadows " " " " 5064, Testuca Mt Dana 12.000 3765. 3766. 5067 Sestuea 1 1 1/2500. Tod " " 12.000 50 68 Agrostis, Leds of Streams wear Mc Dana 3069 50/1. Calamagnostis Mt Dana 12,500 forming large tufts among theraks 30/2. Come 16 Dana 12,000. 50/3 Ha 1 12,500. 3074 Carex. " " 12.500. 50/5. Luzula 161 Dang at. 11.000. 30 y 6. Poa " " ofen Woods al. 11.000 30/7. Cares 1 " 12,000 5078 Stipes winds by Tring " 10.000 5079. Moods al Soda Genings 9.700 5080. Soctes pools at Mt Dana, 11-12000. 3081. Mt Dana 12,500 5782. 3083. 5084 3085 11 11 11 11 11 11 11

3086 Cary on on Discintegrated Granite Hills 3087. Mit Dana. Cares, Among Sage-brush Mt D. M. O. 5088 East descent of Moons Lafo, 9000. 3089. Tools Tuolumett. 10.000. 3090 Stretes Tools " " " " " 3091. 50 J2. Isoeter Ness Mono Trail. Tuolumuh. 5093. 5094. Chara, Mono Trail, 1000. pools. In I. contorta. Little Too. Valley 3095, Janeus East Lide of Mono brit. 10,000 3096. 309] Mono Trail 10,000 5098 50 99 60 00 innuncturs-flost 901)
Batoan do 3 8000 Luzula Mono Trict. 11.000 common 6001 6002. Moist open word Ostranda's also Big tree Grove 8-11.000. 6003 Ostranda's 6004. " " Dez soil in offen road? 6005. " " my Loil in meadows Janeus Luisas meadows. 6006. Dry rocki hill-zideg 9000) wear Morce & 600%. Open Moors at good Mono Trail 6008 also Sonova Jago same all. grows in large tufts. With the preceding 6008.

Orig. mendows (moist, al good all. Same loe. es 6010. 6011. Moons Trail. 8000. 6012. 60/3. Juneus 1 " " 10.000. Too Among rocks Noons Trick. 10.000. 160/4. Ivaneps near Nevada Face. 6015. 6016. Mono Trail 10.000. 6017. Luzula Mot Dana Artemisis " " " 6018 6019. Carex " " 6020 Tenecis 6021. Samp, flaces M. Down, Luzula 6022. 6023 Ing Loil news Mount Dann also ness Mono Lake and all of moraine on the eastern slope of the Seems 6025, Stocker east side of Mone Trail bl. King. 6026. Juneus Josemite Valley 6027. Jameus Big tree Grove, 6029. Juneus Borders of Mons Lake 6030 " " " Big tree Love "
6032 " " Big tree Love 6030

23, Jos. Valley 6133 6034 6035 Big tree From moist meadows, 6036. 6037 6038 Juneus Moons Tapo Legel. 6039. " " " Monart Dana 12000 6040 " " " Alpine meadows, 11,000 6041. " " San Francisco. 60H2, 6043. 6044, Tenus flexilis Mono Fefs making it appearance at \$0,000 on the væsten side and descending on the 6046. Series flex Mons Peps. 60,47 Lines fonderssa val. Mount Magnion 8-9000 nun 6048. Pinno contorta Jos. Trick. Stor 6049. Pinns Jondewsa Lig Creek. Clashes moist measons with 6050. Pinno monticola. Nount 6051. Penis Lambertians Mt Pageurus. 8-9000.

60/2. Aira danthornioides Callean Common on all food clagez Loil en the coast. 160/3. Pestirea paneiflora Think. Colland, moist glades, Hortelson 6074. Vingopymen Douglasii Sand Lea thore of J. Trancis Es 1865. 60 15. Lophochlaena California Konoma Co. also Marin & Mendo eino Co. Pallow grows in all the moist meadows day The exact. 60%. Melies imperfects, moist glades and hiersides San Tran. and bellew. Ap., 60/7. Trisetum ceenuum. Contracted. form new the Lea there in unper-COTS. Agrostis asperifolia? exposedto 6079. Agrostis Van Leans Creeks. delieate form-thellered, 6080 Elynno Half-very-house San Trancisco. Maist mendows, 6081. Agrostis verticellator San Ti, wet places. 6082. Polypogon Monspelieuris Wel places I. Francise.

27, Muhlenbergio gracilis on orz 6093, 6094. Vasega comata Thut. Borders of Moons Lake, also Los, Valley and Upper Tuolume River always around rocks There, 6094. 2 Los. Paleez. 16095. Sporsbolus aspen foling Mono Lake Common. Mono Irvil good borders of treams and borders of hot springs - called Boiling Springs Jonera Fefo east side of Juman. 6096. Sporoholus ramulozus Mono Take, gravell Lois 609) Stips charge elings phylla?? (not)
Stips Teingii (if new?) Ap 97'00 alf
mentows on ME Dang and att
the foot of that ME ther Twolumes Calamagnostis Breweri Ther. Meedows of the appear Tuolenun Stipa Valley, Foremite, Sang Lail)
vorlidala Truis 6100. Sestires Not Dana. 16101. Vasega comata For. Valley around 6002. Agrostis Hille brandis. Thus. moist mentres. Big tree hove also at

28, Tos. Valley . borders of streams Agroslis 6113 Danthonia Meadows at Ostranda's 16104. oceurs also at 10,000 feet alt. 6103 Clash's & Gos. Valley Agrostis 6106. Agrostis Jos. Valley Ostranda's & Upper Tuolumes Agrostis 610%. Olyperia Jos. Valler Stipa viridula Trus Jos. Valler Iriticum Jos Valler Olyperia Jos Valler Olyperia Jos Valler 6108 6109 Triticum 6110 6/11. Ilg ceria Big trees a You Valey 6112 Stropis Borders of Mono Lake. 6/13 To a Moons Lake 6/14. Poa Astranda's Tos Vallez 6115 Stippe Mono Latte Pass 8000 on morains 6116 6117 Sestues microstachya Which Measing. 6118 Meliea forevides vas bromoides 6119. Which . Throughout the Coest Mage 6120 Melica porevides Callen Meliea Tos. Valley 6/21. 16122. Insetum cernum (true form Thickets along the coastin Mendeins 6123 Thalans Californica (fide Col Muno) Large tufts along the coast. 6124. Torra in in By Creek-bed alow Los. Valley Caltivated fields 6125

29, Oragrostis Soura, Cultivated fields 6126. Faireum " " " "
Trisetum Coast common 6127. 6128 Juneus Mono Fifs. 6129. Compositae Moono Lake 6131 Tool of Mot Dana around voiles als. Tis. Valy 61.31. Mt Dang at 12,000. oily exudation of a 6/32. very agricable smell. (Among rocks). Mono Lake Ing Land, 6/33. Borders of Streams new Mt Dana 6134. also nest the falls in Tos. Valley Mono Kaps (10.000) avery low stirul. 6135 6136. " upon rocks (glutinous)/11,000. 11 " a low shoul, 9000-10000 6137, 6138 6139 Senecio Mono Lipo on rocks. 6140 Shrub 3-4 feet high on Monte de Siable 6/41. Callecher in April 1866. Thrub 3-6 feet high Mone Lake. 6/43 Borders of Mono Latte on alkaline Loil 6/43 Almel 3-5 feet high sang feels Monesty 6144. Abono Lasse. (all in Leps. al Mathelit) 6145. Moono Lake (Landz Joil) 6147 Mons Fafs. 6146 6148 Mono Fafs

Mono Fafo, Small Shouls 6/49 6150 u Lake u 6151. " Fafo " 6152. Meadows at Soda Springo 6153 Mono Paps around rocks 6134. Mono Paps 6155. Callland April 6156. Sonora Lafo 99. 6157. Sonora Paps road also Tos. Valley & Bigtres 6158 Near Boidge port new Mono Lake 6159. Aster. Borders of Boiling Springs Loura Pags 6/60 Marin Ca. San Raphael 6161. Borders of Streams wear Mt Dealls 1/4 6162. Monte del Diable 6/63 Tos. Valley. Big trees. 6/64 Clark's common. 6/65. Aster. It Ostranda's 8000. 6166 In hillsides at Clastic fully-Aug. 6167 Bridgesport son east side Suiras) on alkaline lail 6/68. Too. Valley also at the trees. 6/69. Bakia, Losemite Vally (small shoul) 6170. 6171. Big trees 6172. Tos, Valley . 6173 6174. Backaris a very smell should 4-8 inch in crevices 6175.

Valley and Big trees 61/6 Nono Safo. 6177 Aster Gos. Valley Helianthus Sonona cultivated fields 6179. Mono Lake 6/80. Higher Sierras 6/8/. San Joaquin Valler 6182 Gos. Valley 6183 6184. Aster Mount Dana 6185. Losemite Valley 6186 Coast Kange at Cahto Long Valley 6187. San Francisco Dr. Kellegg 6188 Jan 1 1 11 11 6189. 6190 Oakland 94 " " " "

M. & May 6191 6192 Coast Prange 6193 6194 San Francisco 9/4 Carex 6195. Los. Valley 9/6 6196 Ostrandals 6197 Tos. Valley 6198 Tos. Valley 6199 6200 6201 Callland Slough 9/4 6202. 62103

32,

Cares Calland 9/4. 6204. " " Westfall's meadows 8000. Ty 6205 " Clark's 6206. " Mono Trail 9/9 6207 " " blastis 6208 Big hees 6209 Higher Seerins 9/9 6210 6211 Ostranda's meadow. Gos. Valley 6212 62/3 Westfall's meadrer 8000. 6214. Gos, Vallery 6215, 6216 6217 6218 6219 Søda Springs Upper Tuolume 9/9 Big 7! Grove & Yos. Valley 6220 6221. Yos. Vally 6222. Valley Fosemite Common 6223. Cypurus Placerville. Mr. Kattan Eleochanis Los. Valley 6226. " " Moono Trail goro.
6227. Eyperus Goo. Valeus Goo.
6228. Goo. Valeus Goo.
6229. Eleschans Valley Goo.
6230 " " Los. Valley Mono Trail 9000.

Seurjeus Los. Valley 6231. Los. Vacen 6232 Moono Latre 6233. Valley Los.
Eleoch. Los. Valley 6234, 6235 6236 Mentoeins City 9/5 66. 6237 Clark's also Valley (Fos.) 6238 Valley Iso. among rocks. Big trees on Mount Magnion 6239 6240 Abono Trail 9-10,000 among rocks 6241 6242. 6243 Big tree Mount Raymond 6244. 6245 624-6 Coast Mange Mendoerno Co. 6247 Mt Sana & Mono Trail 6248. Anderson Valley Coast Mange 9/4-5 6249. Lilium Clark's Tig trèe & Valler Los. Valley in maist places also blashs: Venzeommon along streams at Blark's. 6252. 6253 6254. Tuolume Privit at 9700 f. all.

6233. Veralium Big trees 4000-97000 also in high alt. on the eastern slope of the Sierras. Showays in Iwamfy meadows, 6256 Mentzelia Graveley banks of Moone Take. 19 6257 Juanens (Dough) lobata Mendreino Co. Rammenlus Estandas, Clark's Soft saw & mud)
6259. Rammeulus tevellus Hvot

Big trees (Wet soil 6260 Thalichmin Too. Valley also Moons Pago 6261. Prammeulus Banks of a creek. Mono Lake 6262 Clematis Gos. Valley 6263 Aquilegia Rolly places Mono Pops 6264. Malva. Bridgeford 62 65. Monte del Siablo - rocks 6266. " strepranthus highiden by dail 6267 6268 Clark's, Big trees, Los. Valley 6269 62 70

Gos. Valles Moons Papo.

1 Arabis 6273 Big Trees & Gos. Valley Mount Diables Ap. Viola. Valley Los.) flow, while in strawfyk,

" " San T. " " where mendows.

Phacelia Monte del Beable 6276 6278 6280 6281. Calland hier Tosemile Valley, Helesides-trace Too. " " don Station"

Loo. " " " on station" 6283 6284. 6285. Trifolium Marin Co. 0/4 Infirms. Gos. Valley 6286. 6287 Trifolium " Valley lereocarpus Moons Trail (Taps) 6288 6289 6290 Tyernen, Too. Valley (Talls) 6292 At Clark's, sand soil, bed of Merce 6293 Big tree Grovef Linge Strul) 6294 Sebris files In. Valley 6295 Fragain Los. Valley 6296. For Valley on works 6297 Acer 11 11 " " " 6298 Hypericum banks of Mercen Vally

6299. Vareinin (blue berries) 3-4 feet high in swampy meadows near the fall. bock of Goo. Valley on the Mono Trick 6300 High Sums along little Stressus Orthoengers Mission hiles (0/4)

1 " Oakland off

1 " Mission hiles off 6303 6304 Dy breek Mentocino Co. Moist mentros at Ostrandas 6305 630y 6308 6309 6310 Los. Valley on Water-courses Valley (Tos.) in Land Loil 6311 Techeco Paps fine 6 th 66. Dry hill sides at Clarks 63/2 63/3 6314 Memilies Noons Fifs Lept. 63/5 63/6, Mente del Deallo Ap. 66.
6318 Pakland hiles Ap.
6319. Los. Valles
6320 Valles " fuez
6321. At Blank's

Tos. Villey Watercourses Pechcico Safo Water 11 11 James 6324 Los. Valley, flow bright blue ful 6325 Philes Pakland hilles In. " " Gos. Trail. July " " Uyper Twolumne B. Sept. Canothus Vally & Dig Tree Grove 6329 Big tree Grove. 6331. Bear Valley June Talix Monte del Diblo/ " Horfdion Arlangt." 6334 6335 63.36 " (Camp 28) Sumas Mott. Any 332 6337 " West fall's meadow. 6338 Lonicera Westfull's menton. Symph. Mono Papo, orchy station, Sept. Orthocarpus Mifein Ap. Umbellig. Ostrandis mentros 800. ful 1 h Nons Paps Legel.
11 11 11 11 11 6342 6343 6344 6345 Los. Valles 6346 Galium Jos. Valley. 6345 6347 1 11 11

Galium Sierras Mons Trail

"" Big trees full
Heuchera Rocks Tos Vacen full
Ledum Valley also Mons Fafo Polygomm Go. Villey Jenne "I " " Istranda's 8100, July Enigomen Mono Paps 2-3 feet piph Shoul Lang soil New Mono Lake (Land, Loie) Polygomen Dig trees fully Sentiano Ostranda's, 8000-10000, weedown 6356. 1 " Sods Springs 9.700 messons 6361. 6363. 63 70 6371. Moons Taps (looze soil Sept. Claytoria Do. Valley (moist places) 6374.

6375 Claytonis San T. Agr. 6376 " " Los. Vaces fum Casenta BigThero " 6381. Ousenta Big/reco ","
6382 Utricularia Torlo neu Sada Gings 97000
6383 Soetes Mono Paps Deep water 6384 Los. Valley 6385 Hippinis Pools Lada Genings 6386 Los. Valley 6387 Marca River. Yor Valley on her shipman samples 6388. 5-15 feet high large should on al Moline Loil. Ahundant along Mono Latte 6389 Mons Jup 3-6 Jul high 6390 Alpine mentono 8000. Los. Trail 6391. Pools at Soda Lying Sept. 6392. Thrub 4-8 feet high borders of Mono 6393 Polamogeton. Clark's also Go. Valley Geroly 6394. Ochland 9/4-5 6395 San J. 9/5 Sang Loil 6396 Ochland 11 6397 Mount Dribles 9/4 66, 6399 6400 1 11 11 11

39. 6401 Sours Sapo (Foos) Hy eneping in dusty roads 6402 Mount Deible 1/4 66. 6403-4817. Coast & Vally (In) 6404 Yos. Valler 6405 Moons Paps Horders of Springs) og 6406 Moons Paps 6407 Moons Lake Lang Loil 6408 At Dans 13000. highest plant collects 6409 Los. Valley 9/6. 6410 Mono Lake senoz Loil 9/9 6411
6412 Sins Big Theorem Safs Lept.
6413 1 Moone Safs Lept.
6414 Eugehorbia 18th Scrible Apr 66 6413 6414 6415 New Loda Gerings Lept. 6416 6417-6462 Mr. Rattan's Collection Hove my intention to remucher his plants, but was obliged to give it up. henry fresped to much by worth. Jenny & Tummer 66. following felaces
Tebr - March Scollecter aron San Ti First week of A. Mount Diables 11 Ap. - 24 of Mrs Mendocino Co. 6 th of June Menua Techeco Safo 14 of fine to 17th fal Losemite Vaces

[1-51] = 1003-1515 Traftes collected in the vicinity of San Fr. No f. 15 16-15 Noiles South of this city in an apen swamp subject to overflowing by tide water. If grows in tuffs accupy ing the more elevated places. June . Teemingly not ester 1534 11 2, SIS Shoul of Mb. South of S. T. in a well-worder Swamp in which it accupies the glades (Willows, Louiseera, Levereusagry) End of May. Bright green, large leaves, 50 3. In dry hills, common, forming large root stocks. Variable in Lize. May. June. Lugel Island. Goat Isl. Pakland. 5t, H, Commow in open ground and glades. Also glose to the bay, where I found the largest spice. April June. J. Very early and common on by hills where it covers layer that the trans and its . I will some it covers layer spots. From early it's seeds. March-fune. Hills and near the bay where it assumes the larger form To aunua, trivialis, pratensis (not mumbered) The first grows on the roads and cultivated watered fields, the second was formed in a canon near Mission dolores. The 32 occurs sparingly in the meadows at bakkand. 7. Common in moist places and by Land which Leeus how_ ever watered by Subterranean springs. Exceeding & variable The glaveous spee were found among the others but blooming 1545 much later. I have not been able to distinguish them. June " 8. Lophschlaena Calif. Was found in welplace in a meason 3 Mb. bock of Bakland. It is much liked by cattle. Seems to week to support it self . The most interesting graft found her. 1544 q. Was found in a fence-corner near Mission dolores. June 1543 to, In road and enessous where it occurs in about the Same menus as Bronnes seculinus in wheat at the Gast. June? 1542 Horang Shrubs. Common. June July 11 12:19 Dy places (theroof bull-like) Avoided by cattle) find 1539-14, In large tufts. Very common especially along the bay. Spreads its paniel while in bloom 15 35 TF. Is the panieum Californicum, This warne I changed

however into I. Thermale as it is found growing always in the Jeyders. Trof. Brewes has quite a number of spee. in his collection Nº 16. Is very common on the Bry hills, in fact it accupies The place of Sestuca Myurus when dried up No ff. I found on a bry hill near Fort Found. It is as 1 H. Vecupies in many places the fence corners es endly near the bay and Mifdion volores. 1 19. Grows in abundance hear the fall-marches at 11 20. I described under the name Santhonia Californio Jenerally very unch redneed in sige (Sauthouis secundiflora) , It. Is common on all hills indeed it forms in many places the principal grafs.

1 25. With this the same holds good only it is inclined to form lufts. May from howing cirture 23. Decurs spouringly in the measons at Gallan where I is form in the more wel places. May fine 1 24. Grows in large trefts on Angel Island in wet places Some are very high 5-6 feet (tufts often 2-4 feet in Diameter) June 25, It vinceous, grows in pure Land near the beach April) its roots are very long and creeping. In Among May I should where it is protected against the wind of form Specimen 3-4 feel high. Generally, Birch - I foot. " 26, Tabumant in the Salt marches fine ful 1 In grain field and measons very abundant in Jone places it is almost the only graft growing. June " 28, I found in a swomp among willows in great " 29. Is found in great abundance in by and enet places

April - June in by places it is small its passele spready, globuler is wet pl. its paniele is very long and narrow. 1230. In a wel meason Valland on the border of a little Streamlet July aira nolingarmies 1) 31.0. Grows among 31. Propositions in a valley (Angel Islaw) early in fine 11 33, 1521 Among Shrubs at the Lame place - Gast-side. 11 34. In exposed precipices along the lay where it forms - large mats 35. In wet places much later its authors are much Linalles Thors those of 34. and Leaningly not exerted 36, Another form growing in open measons.

36, 1515 may forme conner at the Willows went Millsion

38 1515 many through throubs late in fine Palland. 39. 1515 In a swamp near the Willows/popular place 40.151 In the garden of Gal Walker where it is the Ormeipal meed. 4+1513 In Swamps at the Willows. Volygogo a monepulinais Distriction of ments of Martin (South) 43, In the border of a rivulet at Calland 4-5 feeth. 44.1510 In a garden, July Within repress to Sovers the ony hills early in Spring in great abundance. Mr. May hills early in Spring in great 46,1508 sparingly, inclina formy tuple therework 47. Forms tuffs at the forders of Streamlets of 48.150 Like 45. Frank Mynne July 4. Juniciples on 49. Porns tuff of a foot in diameter on the borders of streated and wet hills. Its leaves have the feel of velvet when green at the lower dide and as thickish from and mile

Nº 50 1504 Common at the bay and hills fine " St. It the border of the tall-marches like in a wheat-field. 5-6 feet brigh. All these grafiles with the exception of Me 25 Jew seem to belong to balif. excusively, those found only?) at this coast or side of the pacifique show a tendency to grow in tufts (cause of the de climate?) Nº 1. 3. 6. 11. 12. 14. 15. 17. 20, 22, 24 25. 26. 30.33.34. 42.43.44. 46.47.49. 50.67. = 24 are perennial?) In Brick Shade I form none. The wild oats I his not enumerate, you have undrubledly enough of it. The town of the services fust a day ago & received thewelel's work. I have not heen able to find No 29. 47. 49. ember there names given in Hook Bor. Am. Teondidered them very good, charecterized spec. Also Nº 7 is 1559. Mils Agrantis 1558 Elyperen Mus form Scallacted late in fall of near the bay. I found it also on hills, seems to be very probymorphous.

4698-6124 Grafses +3064 Agrostis Molog Agrostio 6106. V Agrostis 6105 & Agrostis 6105. & Agrostis 6103 Agrostis (6079) Agrostis asperifolia Banks of Alameda breek. San J. May. +6102. Agrostis Hillebrandie Thurb. Mariposo Big-tree Grove July 15070 I Agrostis various Trin. Niver-bed of the upper-Tuolumne 10,000 all. Sept. 4861. I Sosemile Valley June Light-shody places This is in the hands of Bof. Thusber.

A6073. Aira dan thornioides Trin. Moist measons Calland Apr. 6093. Mouhlenbergia gracilis Trin. Kocks. Gosemite Valley. June *60%. Aira cespitosa var. densiflora Moist meadows Lan Francisco. May Log4 Vaseya comata Thurb. Sept. Moono Lake on the banks of creeks 45019. Trisetum subspicatum var.

Apper Tuolumne Pliva. Moist meadowo

Sept. / Although this drifters emsiderably from the

true form get I cannot regan it any thing else 4801. Agrostis vireseens Fide Mours Anderson Valley Coast May 6116. N Stipa Richardsonii?

Mono Pap 1000 All. (on moraines)

(Some the favor and see if my determination is correct)

6109 N Stips viridula Tris.

Sosemite Valley (sand soil) June but a variety. +6104. Danthonia Sericea Nut. Meadros Gosemite Trail 8000 all. +6097 N Stipa Kingii spec. nov. Apper Tuolume Mecoros Sept. (9700) 6118. Sestuea mierosta elys Nutt. Ukiah Mai (6099. Stips viridula Trin, 15078 × Big tree-Grove (6500 alk.) 14865-1 5020 V Stips occidentalis Thurber Sry Land Loil, Gosemite Trail (8000 alk) Court Range Maj 6/20. Moelies forevides Nut. Dy hillsides I. T. Apr. 6075. V Lopho chlaena Californica Nies Moist meadows May. San To, 6121. Meliea spraerides Nutt. var. inflata Bol. Gosemite Valley June. Goff N Brizofeynum Songlasin Hoolt. Dry sand. Ap. San T. 4698 Melica praevides Nutt. va. pubeseens Bol. Near the Coast. Mendrein Co. May. tb073. Testurea panei flora Thumb. fide Therb. — secidentalis fide Mouro Moist groves Callan Mai

+ 6124. Vilfa Lowers. Soy breeks Sept.
In the hands of Thurker.

4704. Pestuce microstachyo Nutt. va).

Polyphylla Bol.

Woodland. Anderson Valley May. +4840. Fanieum Dichotomum Gozennite Velley June 6090 Cima pendula Trin. Merist meniour. Big tree- Inve fuly +60 fo. Hiero chlos grand yolis Thurk.

Redroods Coast Range Apr.

Col. Monno thinks this is a more variety

of the Ib. borealis.

Holls: Elymns condensatus Prest.

Banks., Alamed, San T. June Holls. Sastridium australe Frest. Dry hills. San I. Sept. 6082. Sølgpogon Monskeliensis Model soil. I. T. May. 6081. Agrostis verticillata Ville Creeks San T. May +6080. h. Melies imperfecta Tris. Wordlandsness Pars The Affr. +60 Fl.

+6101. Vaseya comata Thart. Yosemite Valley June Loss. Calamagnostis Alentica Trin. Bakland Lills finne 46684 Melies Strieta Bol. Tosemite Valley June Calamagnostis Breweri Thanh. Upper Tuolume 9700. Mesoows. Hount Dana 12500 all. +6088 Calamagnostis Canadensis? 16087 Losemite Valley +4766. Calamagnostis Swampy Loil Mendoeino, Mag, fune Sporobolus ramulosus BK. Mons Lake. Sept. +6096. +6095 Mono Lake Lept. t6092. Vilfs de pas perata Torr. Tosenite Valley. June +4836, Sporo bolus airoides Torr. San Joaquin Valley June.

Losemite Valley June Luther hand of Thurber. 6/10 Testises rubro (fide Thurber) +6066. Mount Dana 11.000 all. 6/14. Ilyceria airoides Thurb. 5044 Meono Lake +6115 Joa Gosennite Valley July 60/4. Lagher Sierra. Sept. 24705 Poa brevi Jolia Makleukur brachyphylla Schult Stew Jynop. p. 261. Woodland. Mendreins Co. Soll 22. Trisetum cernuum Tris. Woodland. Mendreino. May this is the true form as desembed by Trinins.

Mose checked (x) one on printed list? Hants callected this spring (Apr. 65) in the foot-hills of the Scirca Nevada from Sacramento to Firest Still. 4500 Wet places especially among grain, it forms large patches after 10-15 feet in diameter. Very fragrant and much infested by bees. The succellent Stews are all procumbent. The roots fibrous white and clender 9/465 Plower elighty touched with flick Sucramento 1. 4-5 mi from Sa. 4501. Trows among and with the preseding species, seance. 4503. Trifolium, wet places in mentowo near Sacramento 4503. Caren looks litte G. Douglasii (Bost?) In light Land Soil at Presport 15 mis below Sacamente, gregarios +4504. Mentros neas Presport Sacramento V. 9/4 65. 4505, Among 450H. 4506. Eschedoligio Meadows Sacramento Vinea Presport Auburn 10/4 65 4007. Hillsides (on ved day) 4508. with the proceeding. +4509. Sanicula tuberosa. Hill sides with the former plentiful but scattered. 4510. Ranunculus. Litte the 4.4509. and with it. 4511. Kolles on hillsides. Hillsides of the Northbranch of the North American River 4513. Sulpheinium Hillsides of the N. Am. Phines 4514. Upon rocks in the led of the N. Am. Phines. 4515. Also among large metho. Ht. H. H. H. 45/6. Minulus Under moist rolls on the Lanks of N. Am. River. 4517. Hillsides of the North Am. Vive. 4518. Hillsides west Auburn 4519. Hill sides plenti ful but verttered Aubum.

4548. In flats 4520. Hill sides Auburn _ 4521. Krelly gravely hillsides Anhum 4549. Sheadows 4522. Erch. Hillsides of North Am. River. 4550. 4523. Luzulo Hillsides " Calloched on the stage road from Auburn to 45234 Hillsides of North Am. Very plantifiel the outside petals zellow ists up to the point where they Sovest Shill. 12/4 65. 4557. Borders at a pond Gright hear house Join the 3 imes feetals which are white. Pormo large deuse patches. Among Should in Case light soil (s. bealet) Auburn 1/4 65 4525. Around moist rocks. The roots mostly under thems 4526. That hill sides, rootstocks lange. whole fland Torest Hill 19/4 65. glutinous and of a strong resinous sincel. 4554. Saxus, a beautifultree 20-30 feet h. 8-15 in diam. 452% Eng throuinn. They hillsides, losse soil 4528. Lu a Spring (on rocks).
4529. Iris. Shang hillsides with long slender drooping branches, Common there. Sevilo Guleh, between Porest Hill and Sanker Vino. 4555. Corners sepiles 10-15 feel high. rather straggling 4530. Egelobothora elba. Amongovello, North Am. Vives on moist show hillsides 4531. (flower white) Among rocks " " " " 4556. a low 3-4 feet high selval. rare. 4532. Vinbers Thickets in a vavine " " " 4557 Ceanothus prostratus, forms dense flat petotus 4533. Fhill Lides of the Isme ravine " " 4534. Covex Lenta? Among webs " " " around trees and Shrubs, has only the flowers as conding 4558. Ceanothers. Northfillside of the Gardanelle Canon 4-6 feet high. branches ever slender and numerous River banks of the " " " 4559, Ascleginas Sami beality as the freeering 4537. Hlow Straggling Strub, Hillsides Sharz places New Eastle. Viselles in the Led of the " " ", Trifileim Wet places (slight depeterous) 4538. 45-61. 4539. Heillsides in large poteties. Among skrubs with the former with the forceding 4562. 4540. Dug hill sides New battle. 4563. Among Skrubs 4541. Du gravelly Soil New Gastle 4564. 4542 moist little flats. Viola chozeantha, flats (moist gravelly) Lame as the former. Whoist places New Eastle. 4543. 4565. Moist meetows Hen Gestle. 4566. 4544. Soy hillsides " 45 6. 4545 Irifolium Res 4546. 4568. moist till sides 4567. 4547 moish flats " Sly mistatu (all within 3 un af Auleum,) Du hill sides 4568.

In hills New Eastle, Migippy us lepto-4569. 45 70. " " " 45 71. - " " 45 72. " " 4571. 45 72. 4573 45 74. 45 75 Manunculus light loase Sail around Shraho in rather moist Estalities. 16/465. 45 76. Scatellaria like the fre cedring 45 77. Fbilldides, common 45 78. In hill sides New Castle 4579. Willsides new the Middle Ports of the North Am. Prived. 4580 Among vicho By hills New Bastle. 4581, Hillsides 4582. Viola. moist measons "--" 4583. Hillsides in Lhad places, Grigg & leas st. 4584 Hill sides New Gastle. 4585 - 4617 mopses to Sull. et Lesy frent Cely. 4618-4620 hepatiene to Sustin. Come sp. new to sain. 4621 - 4626. lichens to Prof. Tuckerment one spinow 4627. Viala Hillsides Porest Flill 4628. Calliferora luter Mondrides near New Castle the same up flowers at the back Hange about the middle of Time. 4629. moist Stillsides Porest Still 174 4630. Cours of the Sardanelles upon a moist 4631. Rammenlus. Porest Still 4632. Lalix Greek Now Castle. The faucit of many species is owing to sary season but a week before snow had fellen at Threst thill. The confinition are more or less all too young; but as was there, I took what I could find.

Hands collected June 1867 From Cloverdale to Which, Long Valley Month of Meltale River thence down the coast to Noyo, Menoreino leit of Anderson Vacer. Northern fort of Lonous bo. Mendeino bo and southern feel of Humbred La. 6463 Testuca moist Mond in Mend cins & Hambre 6464 Melica Joacoides val. Redwood-grove at East Forth Ellive 6465 Agnostis. Horist mentonos, Cloverdale Stife moist places Red Mountain Hunt, bo 6470 Calamagnostis. Trows on bluff along the sea shore in the Mattale Sistrick previces of rocks) it seems to be the Laine Species Scollecter at an all of 12000 on Mount Dana. Calamagnostis Sphagna Livanys between Noyo and Albin River. Of this I sent formed Love old frameles and a few straggles Collected in Lept, 65, In the Lame Levamps occurs also Cal. Aleutico, this yeeies my be distinguable far off from the other. Desides these troof These Liverups I sent a 39 one, only a few inch high 6-8; famicles spillable

6472 Agrostis with the former 6471 6473 Medva Bear Habor Membrein Co 3-6 feet high, tufted little the cultiv Hiliseus 6474 Egginfedium Inomps on the Motes
Very common them, flowers
with a yellow linge, 6479 Buricellia. Sea coast at Fort Bryg 6480 Hieracium Exenvoord Mendremo Co 6481 Aster Elli Vridge Hambald Ro 6482. Asternésia Les Coast new Shelter Core 6483 " " In quick saw at Fort Bragg 6484 Proadsides ness Mendreino City Commonthe, 6485 Open Woods Hambold Co Hurseium Ned Note Haul. Co 6486. 6487 Burrielia Sheller love Gnaffhalin Jea coast at Fort Bragg Sea Coast at Sort Brigg 64 89 Chrysophis Les Coast Noyo Helenium Bol. From Sheller Cove down to the Albin River wear the Coast in moist open westows and Liskagua Levanys very Common, quite a feature

6492 Dy hills Cloverdale % veg brittlesten. 6493 Frindelia Quith Land seastine new Big Heat Humb. Common 6494 Megerohynelus Ned MB Humble 6495 Dy loose Loil new Med ME also formed Collected mest Santa Come and Leen at. they last place also this last May. 6496. Cirsium, Svenys Red Mt 5-6 feet h. much branchied , ban ches terminater by hears, as the old remaining stalks Throwed clearly. The young ones were not duffreient advanced. But I form it on the Coast in Limitar Stations near Fort Bragg but her it was not so tomentose, world as on the ME figet apparente the Lame) 6497 Cirsium, Loranges Fort Bragg 6498 Crepis Dry hillaides neus Elle Ridge (lorse soil.) 6499 Bahia. Lea Coast. Bragg 6500 " " Shelter Cone 6501 Amica Dez Loil anna Chapanal Humbald Co. 6502 Calais Clourdale moistmentous also at Shelton Cove, formers collected at tel River bl. 6503 Macorhynchus Open pine wows

6504 Calair Livamps at Virt Brays very common there. 6505 Contraggue Shelter Cove Lea Shore also at First Bryg, forms large patches tuffs, stems on the grown only the heard vising above the grafo, 6306. Thickets were the boast at Sheller Con Humb. Co. 6507 Lupinos moist places new the coast at Fort Bragg, ten-wile river 6508 Open word Coast Hambred Co. 6509 Trifolium. Hand grafey-Loil Mentreino 6510 Open Woods new Little Bear Harhor 6511 Open " " Coast Mange 6512 Lupino, white, Benther of Kancherin Greek. Mentrein Co. 65/3. Hosackis Levanys Bragg 6514. Rosa Norttole Dist, and East Josh of Earl M. 3-4 feet high. 65 15. Spiraes Verono Coust M. wear Bear Harbor. 65/6. Prums. Parkir Station Eureka Trail 6517 Tilene Hed MMZ Hunt le. 6518 Stellan's Thinklets T. Bragg. 6519. Silene (bright red) along the boash 6520. Stellarin East Worth of Eel Priver 6021 Dy mentono Elk Ridge 6522 Gyen words Mattale Deal -

6523. Deep Caum, Ell Kidge Menveine, 6524 Mentros Ell Midge 6525 Lambert Lake Mendreino Co. 6526 In hillelides Ech Midge 6527 Red. M/2 6528 Upper Cropsing of Mattale Priver, 6529 Saxif, Rocks deep Canons, Haullo. 6529 Jaky, noun of 6530 Deep Dulch at Nogo 6531 East Tork at El Priva at Mord's 6532 Deep Hady Julch at Nogo, 6533, Wattercomes at Cottonaly Crak Mendrein Co. 6534 Genothera Shelter Cove Dunb. Co 6535 Az hills at Eloverdale Lon. Bo. 6536. Shelter bove & Nogs in cultivated ficer. 6537 Pothocarpus Leacoast at Noyo 65/38 11 11 11 11 11 11 11 11 65 39 6540 Tenstemon Lang places in Russian Riou beds at bloverdale 6542 Pyrola Reservord and swamps 6543 At Farker's Station Eureka Trail 6544 Pyrola Open Wood Same as 6543 6545 Twangs at Red MIZ Alow Think 1 - 2 feet h.

6546, Ledum Liraneps at Noys a 6547 Typola Open Wood Eets Midge 6348 Swamps of Red Note 6549 Verstrum at Sheller Cove 6550 Twamps at the MIZ 6551 Streptopus Seep Julch at Moys, vare 6552 Red M2 6553 " " Manbald Co 6555 Mocky places Euretta Frail. 6557 Lilium Noge Swamps. 6558 Tilim Coast Mange, Med Mt Mottole Dist. evidente our white 6559 Swamps Red Met. 6560. Dichelostemma, Divide of Mussian an El River thence morthward, offer word in deep clay Loil. 6561. Bocks new Ell Ridge 6562 Sea Coast Nogo 6563 Thad banks Eelh Midge 6564 Drift Land Lea Coract Wogo. 6565 Ledum Elh vidge on Rocks 6566. Ledum On loose dry Loil new Ell Ridge 6567 Enoyoum Waleanie volts new Long

De Paliciplius 65 68 Humes Jea coast at Shelter Cove 6569 Eriogonum Shelter Cove Conrolls 6570 Ribes 4-10 feet kigh lower as large as those of heer macrophylling Common on this banks of Cotton aby break Lomiles with of Noyo. 6571 Ribes Low About near hed MM3 6572 Nughar Lambert Lake near El Primo Mentremo Ca 6573 Redwood between Little Bearlow. bor & Nogo, Generally wear Queren. densiflora. 6574 Sambieno boast north of Noyo berries red. 6575 Phocelia Cottonaly Buch 6576 Sang field, Lea Coast, Wogs 6579 Pellaca Krethes Elk Kridge 6578 Adiantum Levamps at Red MB3 untire & unchanded station formo ummense kijh lufto . 6579 Sarrya Low Shrul Wed Mts Levampo Red. Min 6581 Juneus Livanys Red ME Cyperus Lambert's Lake Luzula Leep Julch Noys 6584 Juneus Tondo wear Eets Midge 6585 Dig hill sides wear Ells " ",

6586. Sales Large shows, sometimes tree in Russion M. bed at blove dale June 6th 6587 Tris Common on Pris MAZ 6568 Lumm Gills at Cloverdale 6569 Cloverdale, dry hills. 65 70 Lobelia?? Lambert Lake 6541 Campanula?? Sevarys at Noyo 6572 Ceanother flow blue, stalk long Hender, øpen woods Humb Co. 6573 Mifsion hile 94 6574 Orthoenpus Marin Go 1/3 67 6575 Caren Bearis Ranch near Santo Como 9/5-67,

60701 Hierochlow macrophylla Thurk (in Report. Gal. State Survey.) Gol. murro declares it to be borealis. , 1 . al ilaint checies, as aside from Odolandas Granes Collection of 1866. 1. Coopy of notes sent Doch Gray Feb 27168. 60. Bolandes his. list + his hotes are copied.

my notes are put in [brushets] h. 7. Us lei lly 12 , inel 20. 6469. 6109: 5078: 6099: 4865, 4692! Stepa Virionia It is priville that a more lengthered Examination might be able to find for constants differences [Some Specimens have a very slender and much Elongate)
punicle but I think them all rightly referred I governite welley
Possition I rose.

6070/ Hierochlow macrophyllas Thurk (in Report. Gal. Stute Survey.) Gol. mur declares it to be borealis. This seems to me to be a district species, as aside from the very large leaves (12'-18' long + 4"-6" wide) the glumes on always strongly 3-never of greenish (never becoming brown), and the strike florits, which leng oftens, and burely Expending the sterile florits, which a mucro are notehed at the broad aprep, + often with a mucro or short ann. Should be compared with H. repens, Host, or short ann. Should be compared with H. repens, Host, which is generally referred to H. breakin. I Reduceds, Murin Co. 4840! Painem dichotomum Lein. Gosemite Valley. 6127! Ourieum surgainale de. 4802 Shipu Setizera Prest. fide Goe Munro. Stendels description agrees with it as perfect is could be repeated from enny descript. Prof. Thurst. however culls it St. Emineus Cav. (see my sets publ. lefore). [I find no member 4802, in Either Grevers let or in that of the State Survey. In the latter set are very fine splice. mens of S. Setigera, with the copions punicle beautifully truged with purple, These have no number, and one muker "Stipm Eminens, Monte del Diebolo 0/4" I have not his previously published let of graces & forest know what I then culled S. Emineus. The chief-distinction leturem the two is that one has the pulse ming ale over, I the other only partially so-\$020! 5038! Stepa occidentalis Thurb. (in Reps. Gal. Severy ines) Let very district species with a plumon arm, which 3 first met with coming the growns of the le. S. Spepe. Exter. from Oregon.] governte Frail, alt 8000 ft. 6469. 6109! 5078! 6099! 4865! 4692! Stepa Ciribula Frin It is priville that a more lengthered Examination might be able to find four constants differences [Some Specimens have a very slender and much Elongate)

pumile but I think them all rightly referred I governite willey

Buy true I vore.

6116: Stepa Vickordsom Linke??? [The contractive punisher, long upper pulsa, cudnews of S. Richardsonii, but do with that of S. Silvie a of Lamarche. I have no opicionens of lither pleme company, also with Ledel. Leon, Fl. altaic. t. 99] 60971 Stiles River R. J. Ch. 2000. 6097! Stepa Kingin Bol. Sp. nor. In honor of Clarence King my gallant chief in the Exp. of 1866 across the Surras. [A very pretty species allied to S. nucromatu, from which it is distanted] Upper Inolume mendows, all 7.700 fts 6096! Vilfa (Sporot / Zamulosa it.B. [Sporotolus rannolosus Renth.] Mono Lake. 60 45! Vilfor / Sport) asperifolie Mes Et Mey. L'épordolus cesperifolies, tres + hung - with tomosther foli-cique Thun I have before seen I Mono Lake. 4836! Velfa airvides, Irin [Sporobolus airoides Fore.] Fun Joaquin Valley, June [The form labelled by mute in Hert. Acad, "Sportolus andvius] Josemite Odley. 6092! Vilfa deparperatur For. 6091! Vilfa (Sportulus) I Vilfa depunperatu Forz, van filiformis. Briner collected this in the heira hunda of I Men put it with v. departments - and on So aming it now I can do nothing Else with it. It is first the Sporololus Gilefornis Mett. Herb. Cecad. On depumpentin has founded upon a very climaintire opecimen; it varies greatly is the largest form has been called U. Witter. by Forrey. Me must Ditter regard the breach as once of its forms, or make a hulf dozen or more

new species. Many florets in this have a district 3 mucro, but it is not constants) yourite Oalley, Velfu Edgens Frin? I had this a long while ago from Blake & Bolanter. The lest 2 can do with it is to refer it as above. It elves not quite agree with Frimus frigue (Irin Jeon. t. 250.) but the differ-Ences one not so great as letuen his descriptions in the Icones & in his agrostiden. I formore. 6472! Agrostis cuminu. Lain. He flowers of my specimens are larger than in the Sp. I purily from other parts of the world. (In locality) 5070! Agrostis Eparata, Trin Alpin form. Rie led of lepper Tuolume all. 10,000 ft. 6105! 6078! 6079! 658 of Brewer end day Ao 42. Av 5. 36.18 of my grans ests belong & agrostis Eparata Frin. This op. 6/02! Agrostis Hillebrumdin Head. (Rept. Gal. Geolog. horny is) Muriposa Bry Fran-4801! So 34 of Set. Agrostis pullida St., file Thurt. Goe humo makes it legs. wiscens & mexicana HB, I have carefully company different descriptions Stenders & Runth's in his highl. both are est varience in come importante points. Rof Thurles determin ationed like letter, Mongh my Europ. Specimes are much smaller. Anduron Odley. Court. 6465 Ayr. pullida DG. 64656. June, but aunlies. 6103! Agrostis Inlyaris_ Wish 4954! Jeems to be a history state of Ay, culyaris. 6107. 6106: 4842. Agrostis sculra Willd

5064! Agrostis. I shall leave this to you to becide. L'Agrees very welle with Agrostis Leoulerie, Frin. but has more Rays to the pariete. Please confine I holve. 6466. Agrostis. May be omitted until I can pro-6093! Muhlenlergin gracilis Frie, yosemite Valley. 6090! Cerima cerundinacen Har pendula, Frin. Econ this from Carlifornia J Brig true Grove. 6082! Polypoyon Monspeliensis Desf. 6083! Gastridrim australe Beauv. 6094! Verseya comata Thurt. [Remarkably from Specimens some 21/2 feet high, with purplish princeles of the culius more or less tingo. no locality grien] 6084, 4762! Coulumyrostis Alentica Bong. [Jrin.] 6098! Calamagnostis Breweri Thurt. (in Rept. Cont. Seol. Jurrey ined.) The most delicint species; frist collected by Boy. Brewer and any. 1863. how the humit of learners from Celt. 8000 ft. in any. 1863. how in 1866 in the mentous of the lepher Tribume, alt. 9.700 ft.] 6088! 6087! Calamagnostis Comedanie duchy. 6470! 6071! Gal. sylvation De. Coulm. Stricto not mumbered, but occurs in yourite of and the higher him. 647!! Calamay. next likely to varia. [My Specime of C. Varia is a very pour our - indeed Land noise off in Calamagnostis than in about any Mu large general of new- and I can include to this it may be, call it G. Baland. It, I is to le. cull it G. Balanderi Hunt- & keep The men gend autured]

4787. 4766. Columnyrotis Laphornian Fri I Bolomber in one of his notes seems to be quite sutisfied with his determination. I have only one very young opening of 6. Soupposinion. I 61/2: 6071! Avia coespitora decino. frie Gol. huma. Ain clonyata. no number 6072! Aira dan Morrioriles Frin 4758 (love punicled forms of Frieten cumum Trin 4744! compact This Jat one time took to be a form of J. curnum, L'Ent hus not satisfied with it. The Excellent spicers in this lot consince one that Author was right in musto culling it a new species; it is J. Elutions Nutt. in Hert. becad. and The same which Buckley Thephrepring Anttatts nume | called J. camescens. Whether Howity of publication makes it in this care nexty to adopt that theering fellows name 2 cant cay, It is intermediate letures J. cernaum Friend J. flaverens 1. It diffus from the former in its more lever or Strict Francish + its mich longer & narrow lover gline, 2ts hairy orang a some robust habit distinguit is from I flauseurs.] 5019! Fristum Buls printing, um sunticum Bul. There seems to be but lettle doubt that then offs.

must be referred to this species. 6/04! Danshoma Series Mit. I Judging from the description & Reichenluch; figure it will do for <u>Poa cerisin</u> all, of which I have not opening. I certainly is not P. trevifolia Muche.] 6113! Atropis Californica Munro.

5073: 5068! 5076. Pou alpina, Le :.... 6115! Our sylvestris, Erny. [But afly this spaces with the pulsar law findered] "older Specimens agree very well with those sent to him by Dr. Engel." 6014! Pou leptocoma Trin, This is the same as Parry's Av. 376. referred to Pour arction I doubtfully air the Rumanation. I cannot at prisent do any letter with it. For leptocome is discribed as with world glassing Higher Primes. 6/26! Exagrostis povevides, un my astucky a 6125! Erigrostis pilosa, Beau. 6074! Brizofyrum Donglasii, Hook. 5026. Glyceria princiflora, Red. (6/11.) 6108! Glycerin fluiturs. RBr. 5044! 6/14! belyevia airvides Thurt-Hyceria verenta. At sum les. 6075' de sphoelaena Ce. lifarnica Aces 6076! Milian imperfecta Fri. 6/19 or 6/20! Melica poacoides, Mett This form ains alm collected or Mt Dana. 6/211 Melica ponevides un inflata Bol, 6719! Melica procedides un tromoides Bol. No 40 Lets. Melica pouroriles, un laccionistata Bil. 4698-1 Melica Stricta Bul. And. Ay of Lets. . Melien pouvoides van breviaristata Bol (my mulis 53 of sets) Redunds, Humboldt Go. 67. alen of Melica & Brog. Thurles left it lendeterminet.

4861! Melica aristata. Sp. sov-6/18! Festuca microstadhys van. ciliata 6073. Festiva pana flow, Thurb. 6100. 5067 £ 5066. Festi violaceu, gand?? Lithis is called Firmlera in Parrys Riveley But. plats & is the F. Entra of Bourgeons collection. Bentham Buts Fruhra under de orina + very properly as 2 Think. This should be Froming on rules or rivlacan if it more nearly resembles that form. I det Dance all. 11.000 ft. 6085. Elynn Condensatus Red. 6080! Elynnes Liberians Lo. 5023! Triticum cuminum, Schiel. This is what I have called from description only, Triticent Vidaceum Hornen - lide anderson Fran. Scand. p. 5 - we have no Evot to these species 3 6468 Triticum acquiloporities J. diringuns of Dong. I have no specimens in Either Brewes on the States. Bolander spends of an undetermine Frestween. "It is the last Firstween in my sets and 4704 of late" In wisher the last Frestween to cheering to identify it by, though 2 care I have it from Brewer Collection - to though 2 4669- is a depturus which he spentes of working out. Lo I will leave it for him. It is quite district from In pumiculation in its pringle of the position of its gluins, and pulsa with a triff of lines at its gluins, and pulsa with a triff of lines at the lase, to - In should be compand with Rother Species) 6110! Tritism repens mig 2 with I acyclopoides Truez

2 - Let of Grusser for California Hate during Leersia organdes deronche Creek - Bolunda 24/8. The alwis intermedia Bise-Duramps Fun Francisa Belanter, 2287. An unumally large form with large transfer culy, it - of h high + branching from the love worder. The spiles narrow + interrupted - 2 have almost the same Thung from Lea -Holens lunatus L. Jumps Sun Francisco - Bolanda 2270. Dut -Surochlus Reduveds of Murin Co- Bolande. 2279. Beckmannin Ernauformis / tost-Ouklundfriks- Bolunde. 2289. Ruspulum distichum S.-Clear Leake - Dolander 2417-Vanicium capillare un major. In ganden, Colonedo balley or Goofen 2228 - Origina Ceity Devudu Fin - Branda H.S. Bloomer - 2265 - - Clean Louke a variety comme from best of Rocky hots of on Prairie court The punish has strong Euro - Spikelets 1/2 liveling, accoming + unally short pericillates -Covorado Valley-Delevope 2227- Napa Cerest. Bolanda 2419. Curioum dichotomum E. Dry fundy soil in yosemito Valley at 4,500 ft. alt. common water - De Hilldebrandt Brenei 1846.

by hoof, Breve around the hot springs south rust of bussesus Reak is probably a form of the same but the specimens are too imperfect for accounter destination.

Eriocoma cuspidata chett.

Top of Browidence Int. & nest to Cajon Russ. 2223 Delevoper.

Stipa dicidentalis Thank.

Wriginia City, Annota Terr. 12, G. Bloome. 2261
Call ducer.

Stipe Setigen Breek-San dra-ción - Belande 2280, San Dreyo De Cooper 2233 The last wish meney material brulen- recise this!

Stipa siridula Trin.
Big Trus, Coalaseus Cos. Dr. Hille brand. 2255a form with alon gates premiale

Aristidu Cavigorian Hunt-Fort mohure or Cooper, 2217 all Deser

Agrostis Levera -Coularum Cev. Dr Willebrand 2249-2250,

Agrostis verticillata Den Francisco - Bolenda. 2294.

Egevstis asperifolia Frin;
Sem Francis co Bolanda 2272 - 2286 - 2295

Cle dalle forms wishout am - no 226 & by 16th. Bloom

Remon Fern is pubulil, a young & downth state of the same.

Sin Fruis co. Boland - 2271,

Various forms, San Francisco. Befrend. 2493, 2278.
2282. 2283, Calararin Co De Hillebrand, 2248.

agrosti uruin Iri ? Cealurers Cer. Sr. Hillehand. 2247,

ayrostis' 82.00,
Culaums Ca. Dr. Hilletrand - 2251.
Add deser ——

Sumps & Francisco. Botante 2290. Calamas Co.

or Hollebrund- 22413.

Chleum alpinia.

Head of Tholumne Einer Breun 1765. Silver valley, Breune
1965, Slue mountain Breune 2073, Calamas Co. 20.

Billebrund 2242.

alofecurus semindulus.

Virginia Ceity, Bloomer 2260-

Polypoyon Monsfeliesis comp Carry mohare Rine, orlander. 2220. and ra? Jugap.

Sporobolus asperifolius hest meny. Wiginin City hearder Ten. A. G. Bloomer 2264, Spordolus airoides Fort mohan. A Cooke. 2231. Vilfa depunperata For-Seein hernon Avor to 6000 ft. Brene. In member This affects to belong thecies is variable to has a nicho runge byterding from Oragon to mapies. One Extreme is V. whiles Ion. The specimes are like V. filiformis Al. currifulio in thereto in Heat-Com. - Armitisoria? Leaver only 223) Khraymitis communis Sodu Laket Brajan R. booper 2222. Clear Lake, Blunder -242) Oukland, Bolander 2274, Correct last list Calumagnostis Commelensis Colours Co. Dr. tillebrand 2244- o a slender from Calcumagnostis Breweria.

alt. 8000612/28. Cu y Brewer

the Calcumagnostis of Cuson Pars- 2/28. Cu y Brewer sut to gray. Olewrophis - sp. rigida, n. p. Fort Mohare - Dr Gooker 2230 from 4 ft high add deser --

Brund Penin et Fort majine, Delevoper. 224/ Brontelown olyostuckyn Sumit of Providence hounting. Dr Confer 2226. "Called Buffulo Drufs" a name which probably belongs to Buchles Their and very shouter offering, Here (Descharpin) Bues fiton mi-Brig Frees Centarums Car, A Hillebrund 2246-A from with having blackish Jurgle sluws with scarriow manyotor Loome Censes not seen - Being arins in other colle. Wite H. Ross, hear furnish of Silver hounting 11,000 ft. Brewer 2044 - any s-also he 2002 - not on list & Coe not given. Firetum Intspicution son mobbe No- 1947 - 20 loc 1 mos on loik Common on - Brig tree road. 5000 - 6,000 ft. July 20 dricisps pul chelle Fort Inshow - De Confee - 2215-Show Mr. 8000-good all. Brever 2078, yosemite Irail 6000-7000 all. Orane 1625. (2003 no lot.). Sun Dreigo. Dlevrhen 2240, +2232. 2292 Outsland Bolada 2292 - pooy no loc.) Courson Pur Brene 1959. Voriginia Gity herada den-Bloom 2267-2266-2269-See notes to last list - 2 Mile the number quoted belong the Mongh the species very greatly, yet not more than other grams which have a wide runge in abitude & deffere of structure Orn amma dun drigs - Drewder . 2238-

hod truinlis Trila Sur Termais en Porlunda 2277, Salin soil on the islands in - (mona??) Lake - 6,500 ft alt-Menny Borner on saline + alkaline soils at various altitudes Brizopyrum sprautum me stricture Brush at fire Lander - hit of the moham Delevoter 2221. - " Medicamaphica is sity Deline. melica powerides but Virgin in Certy Newbre Zew-Bloomer 32262 - fam Franciscos Bolomba 2281, In Bloomers their ens John Mells as longe as a huzel mut. Dry wells at brown Purs at about 7000-8000 8h. Int Sen much heyher. July 212 Ruf Brewer 1921, Blycerin principlow Bush brumps für & suncis co. Bolander 22/3. Small olike the sum from Rockey huts. Scendinaria- Canon jovo- Ceny 6- Breua 2061- Bry Trus, Cadarenas los Dr/Helleham, 2252, 2256. The last menter breakly of minister specimo with rester lange spilulets. Justica parriflow chutt. Oukland Hills Bolander 2276-2291-2229 Tustura orina Sun Foruncis co- Polende- 2296 distince priviplone Hunt- Doccadentale's Hooks. H. Bor - to puriale + 7. remotife in Stead - Oakland Bills Bolander 2293, Specimens are

gite the the original ones collected by Douglass. Botanders 1507 of the former collection is a very lugariant from g the S. Pheevelern -Lestiren. Sp. n. Sp. with having ony - Bolan Scharter City Munder Ten - Bloom destren - to old to determine Dry brus abre film bully - 8000. ft. meg 31"- Rof. Brune 1976. By Frees contamus Co. Dr. Hillibrand. 2256 Browns Germinstatus emittes Hoch steen Sew bench, Sun Drigo. De Confor 2235.
Sems to be photogo plant if that is a species. a soliting broken sturned specimen of what is probably the it species.

In Dreyo- Dr Carofar- 2236- Chamateustie Hea-(Browns 1542 of last collection a form of D. Halin 1a mr. wish a think durch mile duch as we have from the Rhyputs - Sem hern Int. Irvila sono, good fr- Brewn 2088 - any 7, Snowfo, bun Francisco - Bolanda 2288. 2mg lagerint Thecims -However murinam den Dreys, Gosper 2239 Hordren pusillem hute. Grund Hills fundrigo. De Cooper 2234-Fritien ouenim B. Graneleris Ledel.

Men summit of Coursons Bus 800 fl. any 16Brener 2/18,

orteum volaceum bornemen - anders. Erem Scand - toil Trepens m., prosparances book - any 7. Alea Int Frank Jeny dry places 5000, 9000 ft - any 7. Alea Int Frank Brener 2066 - agrees wish Howhers Cps. Int no sign of a creeping quotatook & cumit be Repen =-Big Freed De Hillebrand 2257 Situmon Elymonds Dry bile sides, Corson Rus goro fr-all- Brener 1955 - Sem Files Int Brail son-govo-all- Brane 2072 - Providence hut - Caroper - 2224 Elynns condensatus - Red-Often 7 St. high - mona Lanke - dry soil, 6000 - 7000 - Brewer 1872 mohane wien - lest gran them - Irlander 2219 = [home species with Roughend puleur) a slender form unt ~ Eedrical Spike - Fort Port. S. Frioco - Bulandar 2275 -Arvin Co. 2mg large Bolanda. 2284- San Francisco Bolah 2285Dr. George Thurber's list of his determinations of the grasses of the California State Survey. List

1625 Atropis Ceclifornien humo. 46 Paricum dichotomum 1765 Phleum alpinum to. 1842 Elymus condensators Buch. 46 Brigopyrum Spienten Hochoten 1921 Melica 22 Atropis Galif. 47 Frietum helspication bus holls. 65 Theen alpina 6. 76 Frestier? two old. 98 htamor Elywords Ref. 99 Atropis Calif-2002 Frischen Sulspie atur Bener 2004) Cetropis Culip. There three runders are not on Rof Brenes list. 2044 Frietur Fulspieden Beur. 61 Glycerae nevetto Frie 68 Triticum Violuceum Hornem. 72 Litamion Elymoides Ruf 73 Phleen alpeines Fries.

2077 atropis Conligorian? 2235 Browns brevaris tutus 36 - urens 37 Robelly Arundinaria - leaves only -88 Browns celeuters hu-38 How amount le. 2/18 Fritians Comme B. Gruleni Ledel 39 Horden nurinum 28 Calamayrosti Virewin 2240 atropis aulifornia 41 Brutelona polystuckym Jon. 69 Punicum diet stoneum, Am. 42 Phleum alpinum 2217 Aristida Californica Thurk. h. Sp. 43 _ protesse 44 Colomogratis Coundains 45 _ selection 18 transpis pulchelle For. 14 Elymus condensatus Prest 46 Aira Caespitone Im -2220 Polypoy or mouspelieurs 47 agrostis Francis Lin 21 Brigopyrum Spications un Michine 48 agrants' dealer Founda In 22 Phiagmites comming Bin 2250 — Lealing
2250 — Lealing
51 Syrostis - Hillebrundis off. nov.
52 hlyeerin mersutu Frim.
53 23 Eris coma Cus pidata hute 24 situaion Elymoides Raf -25 26 Broutelone digostuckyng Jos. 27 Ruminum Cerus-gulli do. 28 Puncum Cufillane M. 55 Steper winderland Frie 29 Festure microstochys hut 56 Alycein neustre Frie 22 30 Pleuruphis Zigida. 2.4. of Fritien Curine L. I Sportolus airoides For. 58 Bromus ciliatus L. 2 atropis Celif. 59 darten my Ffr. 3 The Letizero Rest 4 Hordenn pusilling hut

2260 alopearus geniculatios van aristatutus 61 Stepa occidentates Thurk-62 milian pourous mit 64 Sporobolus asperifolius hus they. 65 Runicum Cufillane 66 atropis Colifornes 68 agrostis asperifolia 69 atropis. 2 270 Holan kun atus do. 71 Agrostis albut bulgains 72 - asherifolin 73 Alyerin punciflore Fresh 14 Culum ayristis allentica 75 Clynnes conders ates 76 Festuer micro tuelys 77 Pour trivilis. 78 agrostis sparatu 17 Hierochlor mucrophylla Thurk-22 80 Stepu Leligerun 81 melien pouloides 82 Ayrostis Equator

2284 Elyuns Abiriens 8.5 agenter aspiration 86 Cegros tos aspecifolis 87 Whalaris intermedia 88 Levlin perenne 84 Beckmannin Erucuefornins 2290 Phleum pruteure 91 Justinen microstucky 92 atropis Configuración 93 Festiven puriciflore Thunk 94 Agrostis Usticillata 95 - aspenfolin 96 destuca one 2417 Puspulum distichum 18 Lecrois oryzvides 19 Punicum Corun-galli LO ___ Capillane 21 Ohragueites commis 2493 agrostis Exacution.